

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (cancel)

Claim 2 (currently amended): A method ~~to detect~~ of detecting breast cancer comprising the steps of:

(a) obtaining a test sample from a patient;

(b) ~~detecting presence of at least one polypeptide a combination of polypeptides in said test sample~~ selected from the group consisting of ~~mammaglobin, BU101, and BS106, in said sample,~~ (1) BS106 (SEQ ID NO:8) and BU101 (SEQ ID NO:6), (2) BS106 (SEQ ID NO:8) and mammaglobin (SEQ ID NO:5) and (3) BS106 (SEQ ID NO:8) and multimeric polypeptide antigen (MPA), wherein said MPA comprises at least one BU101 polypeptide (SEQ ID NO:6) and at least one mammaglobin polypeptide (SEQ ID NO:5), presence of said ~~at least one polypeptide combination of polypeptides~~ indicating presence of breast cancer in said patient.

Claim 3 (currently amended) A method of detecting ~~the presence of~~ breast cancer comprising the steps of:

(a) obtaining a test sample from a patient;

(b) contacting said test sample with ~~at least~~ two antibodies specific respectively for ~~BS106, mammaglobin, BU101 and a multimeric antigen (MPA) each~~ member of a combination of polypeptides, wherein said combination is selected from the group consisting of (1) BS106 (SEQ ID NO:8) and BU101 (SEQ ID NO:6), (2) BS106 and mammaglobin (SEQ ID NO:5) and (3) BS106 (SEQ ID NO:8) and MPA, wherein said multimeric antigen MPA comprises at least one BU101 polypeptide and at least one mammaglobin polypeptide, ~~wherein said contact is for a time and under conditions sufficient to allow formulation formation of antigen/antibody complexes of each member of said combination~~; and

(c) detecting said complexes of each member of said combination, wherein the presence of said complex complexes indicates the indicating presence of breast cancer in said patient.

Claim 4 (currently amended): A method of diagnosing breast cancer in a patient comprising the steps of:

- (a) preparing a tissue section or cell culture derived from a tumor excised from said patient;
- (b) exposing said tissue section or cell culture to an antibody two antibodies specific respectively for at least two of the following polypeptides: BS106, mammaglobin and BU101 each member of a combination of polypeptides selected from the group consisting of (1) BS106 (SEQ ID NO:8) and mammaglobin (SEQ ID NO:5), (2) BS106 (SEQ ID NO:8) and mammaglobin (SEQ ID NO:5) and (3) BS106 (SEQ ID NO:8) and MPA, for a time and under conditions sufficient to allow formation of antigen/antibody complexes of each member of said combination; and
- (c) localizing presence of said complexes of each member of said combination in said tissue section or cell culture, wherein the presence of said complexes indicates the indicating presence of breast cancer in said patient.

Claim 5 (cancel)